

ground-to-ground precision point targeting. The GMLRS Unitary uses an Electronic Safe and Arm Fuze (ESAF) along with a nose mounted proximity sensor to give enhanced effectiveness to the GMLRS Unitary rocket by providing tri-mode warhead functionality with point detonate, point detonate with programmable delay, or Height of Burst proximity function. GMLRS Unitary M31A1 end-item is comprised of a Rocket Pod Container (RPC) and six GMLRS Unitary Rocket(s). The RPC is capable of holding six (6) GMLRS Unitary Rockets and can be loaded in a M270A1 launcher (tracked), HIMARS M142 launcher, or European M270 (203 configuration that meets the GMLRS interface requirements) launcher from which the GMLRS rocket can be launched. The highest classification level for release of the GMLRS Unitary is SECRET, based upon the software, sale or testing of the end item. The highest level of classification that must be disclosed for production, maintenance, or training is CONFIDENTIAL.

3. Guided Multiple Launch Rocket System Alternative Warhead (GMLRS-AW) M30A1. The GMLRS-AW, M30A1, is the next design increment of the GMLRS rocket. The GMLRS-AW M30A1 hardware is over 90% common with the M31A1 GMLRS Unitary hardware. The operational range is between 15-70 kilometers, with an accuracy of less than 15 meters Circular Error Probability at all ranges, when using inertial guidance with Global Positioning System (GPS) augmentation. The system uses a proximity sensor fuze mode with a 10 meter height of burst.

The Alternative Warhead carries a 200 pound fragmentation assembly filled with high explosives which, upon detonation, accelerates two layers of pre-formed tungsten fragments optimized for effectiveness against large area and imprecisely located targets. The GMLRS-AW provides an area target attack capability that is treaty compliant (no un-exploded ordnance). It provides a 24 hour, all weather, long range attack capability against personnel, soft and lightly armored targets, and air defense targets. The GMLRS-AW uses the same motor, guidance and control systems fuze mechanisms, and proximity sensors as the M31A1 GMLRS Unitary. The highest classification level for release of the GMLRS-AW is SECRET, based upon the software, sale or testing of the end item. The highest level of classification that must be disclosed for production, maintenance, or training is CONFIDENTIAL.

4. The highest classification level for release of the ATACMS Unitary M57 FMS Variant is SECRET, based upon the software. The highest level of classified information that could be disclosed by a sale or by testing of the end item is SECRET; the highest level that must be disclosed for production, maintenance, or training is CONFIDENTIAL. Reverse engineering could reveal CONFIDENTIAL information. Fire Direction System, Data Processing Unit, and special Application software is classified SECRET. Communications Distribution Unit software is classified CONFIDENTIAL. The system specifications and limitations are classified CONFIDENTIAL. Vulnerability Data, countermeasures, vulnerability/susceptibility analyses, and threat definitions are classified SECRET or CONFIDENTIAL.

5. The GPS Precise Positioning Service (PPS) component of the HIMARS munitions (GMLRS Unitary, Alternative Warhead, and ATACMS Unitary) is also contained in the launcher Fire Direction System, is classified SECRET, and is considered SENSITIVE. The GMLRS M30A1, M31A1, ATACMS M57 and HIMARS M142 launchers employ an inertial navigational system that is aided by a Selective Availability Anti-Spoofing Module (SAASM) equipped GPS receiver. To that

end, this system requires encryption keys controlled by, and issued by, the National Security Agency. No GPS PPS design information, including GPS software algorithms, will be disclosed in the course of this sale to country. Susceptibility of GMLRS to diversion or exploitation is considered low risk.

6. AFATDS is a multi-service (U.S. Army and U.S. Marine Corp) automated, expert decision support system used for Command, Control, Communications and integration and synchronization of fires on ground targets during all phases of military conflict. AFATDS provides the automated tools that significantly augment the capability of fire support coordinators, fire support asset commanders, and their respective staffs at every echelon during the planning and execution of fire support on the dynamic battlefields in support of the Maneuver Commander and his plans.

7. If a technologically advanced adversary were to obtain knowledge of the hardware and software elements, the information could be used to develop countermeasures or equivalent systems which might reduce system effectiveness or be used in the development of a system with similar or advanced capabilities.

8. A determination has been made that the Government of Poland can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

9. All defense articles and services listed in this transmittal have been authorized for release and export to the Government of Poland.

TRIBUTE TO DEAN HELLER

Mr. ENZI. Mr. President, as a Congress ends, it is a tradition for the Senate to pause for a moment to acknowledge and express our appreciation for the service of Senators who will not be returning for the next Congress. Today, I would like to pause in appreciation of the service of my friend and colleague Senator DEAN HELLER.

DEAN will be leaving the Senate after 30 years of dedicated public service at both the State and Federal level. During his time in Congress, he always demonstrated a willingness to consider all viewpoints, while remaining true to the principles that guided his career in public service. It is safe to say that DEAN's commitment to Nevada is as strong as ever, and his unique perspective in areas critical to his State will surely be missed in the next Congress.

Growing up in Carson City, NV, DEAN earned a bachelor of business administration from the University of Southern California in 1985. After working as a stockbroker in California, DEAN moved back to Nevada and brought the skills he gained in the business realm to the public sector when he became the deputy State treasurer for Nevada.

Learning about DEAN's time as a Nevada assemblyman was something I appreciated because of my time in the Wyoming Legislature. DEAN's hard work led him to become Nevada's secretary of State for 11 years, then to the House of Representatives in 2006, and finally he joined the Senate in 2012.

His background in both the financial sector and public service was invaluable as a colleague on the Senate Finance Committee. As a former small business owner, I appreciated his expertise and business acumen as the committee considered complex and important issues like tax reform. DEAN's insightful perspectives and willingness to work with people on different sides on key issues will surely be missed by the committee moving forward.

It was a pleasure to work with a Senator representing a State that shares so much with Wyoming. From the prominence of public lands, to welcoming visitors year-round to world class destinations, Nevada and Wyoming's similarities afforded us the opportunity to collaborate on key issues important to the people of both States.

DEAN's dedication to Nevada ensured he was a strong voice for the people who lived there. I am sure he will continue to use that voice to help others.

Diana joins in sending our best wishes and appreciation to DEAN, his wife Lynne, and his four children for his dedication to this country and the State of Nevada. His effect on the Senate was profound, and he certainly made a difference. We will always appreciate his service to the Senate and wish him the very best in whatever the future holds.

TRIBUTE TO HEIDI HEITKAMP

Mr. ENZI. Mr. President, at the end of each session of Congress, it is a tradition for the Senate to pause for a moment to acknowledge and express our appreciation for the service of each Senator who will not be returning in the next Congress. With that in mind, I would like to take a moment to express my gratitude to U.S. Senator HEIDI HEITKAMP of North Dakota.

During the past 6 years, those of us who had a chance to come to know and work with Senator HEITKAMP have been impressed with her dedication to the people of her home State, her involvement with tax issues, and her willingness to work with members on both sides of the aisle to find solutions to the problems and concerns of the people of North Dakota.

I share a connection with Senator HEITKAMP, who is a Senator from a smaller rural State. Because of this shared background, we have had the opportunity to work on various issues. But beyond our work together, I have enjoyed knowing Senator HEITKAMP. HEIDI is a remarkable person. She is the first female Senator elected from North Dakota and a survivor of breast cancer. She would feel comfortable in my home State of Wyoming, the Equality State, where we know what it is like to have women trailblazers. She may be leaving us after this Congress, but she does so knowing that during her time she has made a significant difference in the lives of North Dakotans and in our country.